

Soil Features

Montgomery County, Alabama

NOTE: See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
Aa: Altavista-----	---	---	---	---	0	---	None	Moderate	Moderate
AbA: Amite-----	---	---	---	---	0	---	None	Moderate	Moderate
AbB2: Amite-----	---	---	---	---	0	---	None	Moderate	Moderate
AbC2: Amite-----	---	---	---	---	0	---	None	Moderate	Moderate
AbD2: Amite-----	---	---	---	---	0	---	None	Moderate	Moderate
AcC3: Amite-----	---	---	---	---	0	---	None	Moderate	Moderate
AcD3: Amite-----	---	---	---	---	0	---	None	Moderate	Moderate
AcE3: Amite-----	---	---	---	---	0	---	None	Low	Moderate
Ad: Augusta-----	---	---	---	---	0	---	None	High	Moderate
Ba: Bibb-----	---	---	---	---	0	---	None	High	Moderate
BbB3: Boswell-----	---	---	---	---	0	---	None	High	Moderate
BbC3: Boswell-----	---	---	---	---	0	---	None	High	Moderate
BbD3: Boswell-----	---	---	---	---	0	---	None	High	Moderate

Soil Features, cont.

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
BbE3: Boswell-----	---	---	---	---	0	---	None	High	Moderate
BcB2: Boswell-----	---	---	---	---	0	---	None	High	Moderate
BcC2: Boswell-----	---	---	---	---	0	---	None	High	Moderate
BcD2: Boswell-----	---	---	---	---	0	---	None	High	Moderate
BdA: Bowie-----	---	---	---	---	0	---	None	Moderate	Moderate
BdB: Bowie-----	---	---	---	---	0	---	None	Moderate	Moderate
BdB2: Bowie-----	---	---	---	---	0	---	None	Moderate	Moderate
BdC2: Bowie-----	---	---	---	---	0	---	None	Moderate	Moderate
BeB2: Bowie-----	---	---	---	---	0	---	None	Moderate	Moderate
BeC2: Bowie-----	---	---	---	---	0	---	None	Moderate	Moderate
Bf: Myatt-----	---	---	---	---	0	---	None	High	High
CaA: Cahaba-----	---	---	---	---	0	---	None	Moderate	Moderate
CaB2: Cahaba-----	---	---	---	---	0	---	None	Moderate	Moderate
CaC2: Cahaba-----	---	---	---	---	0	---	None	Low	Moderate
Cb: Catalpa-----	---	---	---	---	0	---	None	High	Low
Cc: Chastain-----	---	---	---	---	0	---	None	High	High

Soil Features, cont.

Montgomery County, Alabama

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
Cd: Chewacla-----	---	---	---	---	0	---	None	High	Moderate
Ce: Congaree-----	---	---	---	---	0	---	None	Moderate	Moderate
Cf: Congaree-----	---	---	---	---	0	---	None	Moderate	Moderate
CgC2: Cuthbert-----	---	---	---	---	0	---	None	High	High
ChE3: Cuthbert-----	---	---	---	---	0	---	None	High	High
CkD2: Cuthbert-----	---	---	---	---	0	---	None	High	High
Lakeland-----	---	---	---	---	0	---	None	Low	Moderate
Boswell-----	---	---	---	---	0	---	None	High	Moderate
CkE: Cuthbert-----	---	---	---	---	0	---	None	High	High
Lakeland-----	---	---	---	---	0	---	None	Low	Moderate
Boswell-----	---	---	---	---	0	---	None	High	Moderate
CkE2: Cuthbert-----	---	---	---	---	0	---	None	High	High
Lakeland-----	---	---	---	---	0	---	None	Low	Moderate
Boswell-----	---	---	---	---	0	---	None	High	Moderate
CkE3: Cuthbert-----	---	---	---	---	0	---	None	High	High
Lakeland-----	---	---	---	---	0	---	None	Low	Moderate
Boswell-----	---	---	---	---	0	---	None	High	Moderate
Ea: Eutaw-----	---	---	---	---	0	---	None	High	Moderate
Eb: Eutaw-----	---	---	---	---	0	---	None	High	Moderate

Soil Features, cont.

Montgomery County, Alabama

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
FaA: Flint-----	---	---	---	---	0	---	None	High	High
FaB2: Flint-----	---	---	---	---	0	---	None	High	High
FaC2: Flint-----	---	---	---	---	0	---	None	High	High
Ga: Geiger-----	---	---	---	---	0	---	None	High	Low
Gb: Geiger-----	---	---	---	---	0	---	None	High	Low
Gc: Geiger-----	---	---	---	---	0	---	None	High	Low
Gd: Gullied Land Acid-----	---	---	---	---	0	---	None	High	High
Ge: Gullied Land Calcareous Mater-----	---	---	---	---	0	---	None	---	---
HaB2: Houston-----	Bedrock (paralithic)	48-72	---	---	0	---	None	High	Moderate
HbB: Huckabee-----	---	---	---	---	0	---	None	Low	Moderate
IaB: Independence-----	---	---	---	---	0	---	None	Low	Moderate
Ib: Iuku-----	---	---	---	---	0	---	None	Moderate	High
Ic: Iuka-----	---	---	---	---	0	---	None	Moderate	High
IdA: Izagora-----	---	---	---	---	0	---	None	Moderate	High
IdB: Izagora-----	---	---	---	---	0	---	None	Moderate	High

Soil Features, cont.

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
IdC2: Izagora-----	---	---	---	---	0	---	None	Moderate	High
Ka: Kaufman-----	---	---	---	---	0	---	None	High	Low
Kb: Kipling-----	---	---	---	---	0	---	None	High	High
KcA: Kipling-----	---	---	---	---	0	---	None	High	High
KcB2: Kipling-----	---	---	---	---	0	---	None	High	High
KdB: Klej-----	---	---	---	---	0	---	None	Low	High
KdC: Klej-----	---	---	---	---	0	---	None	Low	High
LaB: Lakeland-----	---	---	---	---	0	---	None	Low	Moderate
LaC: Lakeland-----	---	---	---	---	0	---	None	Low	Moderate
LaE: Lakeland-----	---	---	---	---	0	---	None	Low	Moderate
Lb: Leaf-----	---	---	---	---	0	---	None	High	Moderate
Lc: Leeper-----	---	---	---	---	0	---	None	High	Low
Ma: Mantachie-----	---	---	---	---	0	---	None	High	High
Mb: Mixed Alluvial Land----	---	---	---	---	0	---	None	Moderate	Low
Mc: Mixed Local Alluvial Land-----	---	---	---	---	0	---	None	Moderate	Low
Oa: Ochlockonee-----	---	---	---	---	0	---	None	Low	High

Soil Features, cont.

Montgomery County, Alabama

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
ObB2: Oktibbeha-----	---	---	---	---	0	---	None	High	High
ObC2: Oktibbeha-----	---	---	---	---	0	---	None	High	High
ObC3: Oktibbeha-----	---	---	---	---	0	---	None	High	High
ObD2: Oktibbeha-----	---	---	---	---	0	---	None	High	High
ObD3: Oktibbeha-----	---	---	---	---	0	---	None	High	High
ObE3: Oktibbeha-----	---	---	---	---	0	---	None	High	High
OcB2: Oktibbeha-----	---	---	---	---	0	---	None	High	High
OcC2: Oktibbeha-----	---	---	---	---	0	---	None	High	High
OcD2: Oktibbeha-----	---	---	---	---	0	---	None	High	High
OcE2: Oktibbeha-----	---	---	---	---	0	---	None	High	High
Pa: Pheba-----	---	---	---	---	0	---	None	High	High
PbA: Prentiss-----	---	---	---	---	0	---	None	Moderate	High
PbB2: Prentiss-----	---	---	---	---	0	---	None	Moderate	High
PIT: Miscellaneous-----	---	---	---	---	---	---	---	---	---
Ra: Rains-----	---	---	---	---	0	---	None	High	High
Rb: Roanoke-----	---	---	---	---	0	---	None	High	High

Soil Features, cont.

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
RcB2: Ruston-----	---	---	---	---	0	---	None	Moderate	Moderate
RcC2: Ruston-----	---	---	---	---	0	---	None	Moderate	Moderate
RcD2: Ruston-----	---	---	---	---	0	---	None	Low	Moderate
Sa: Sandy Alluvial Land----	---	---	---	---	0	---	None	High	High
SbB: Sawyer-----	---	---	---	---	0	---	None	High	High
SbB2: Sawyer-----	---	---	---	---	0	---	None	High	High
SbC2: Sawyer-----	---	---	---	---	0	---	None	High	High
SbD2: Sawyer-----	---	---	---	---	0	---	None	Low	Moderate
ScC3: Sawyer-----	---	---	---	---	0	---	None	Low	Moderate
ScD3: Sawyer-----	---	---	---	---	0	---	None	Low	Moderate
SdC3: Shubuta-----	---	---	---	---	0	---	None	High	High
SdD3: Shubuta-----	---	---	---	---	0	---	None	High	High
SeB: Shubuta-----	---	---	---	---	0	---	None	High	High
SeB2: Shubuta-----	---	---	---	---	0	---	None	High	High
SeC2: Shubuta-----	---	---	---	---	0	---	None	High	High
SeD2: Shubuta-----	---	---	---	---	0	---	None	High	High

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
SfE: Shubuta-----	---	---	---	---	0	---	None	High	High
SgB2: Shubuta-----	---	---	---	---	0	---	None	High	High
SgC2: Shubuta-----	---	---	---	---	0	---	None	High	High
SgD2: Shubuta-----	---	---	---	---	0	---	None	High	High
ShC3: Shubuta-----	---	---	---	---	0	---	None	High	High
ShD3: Shubuta-----	---	---	---	---	0	---	None	High	High
Sk: Stough-----	---	---	---	---	0	---	None	Moderate	High
SmB2: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
SmB3: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
SmC2: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
SmC3: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
SmD2: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
SmD3: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
SnB2: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
Oktibbeha-----	---	---	---	---	0	---	None	High	High
Vaiden-----	---	---	---	---	0	---	None	High	High
SnC2: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
Oktibbeha-----	---	---	---	---	0	---	None	High	High
Vaiden-----	---	---	---	---	0	---	None	High	High
SnC3: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
Oktibbeha-----	---	---	---	---	0	---	None	High	High
Vaiden-----	---	---	---	---	0	---	None	High	High
SnD2: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
Oktibbeha-----	---	---	---	---	0	---	None	High	High
Vaiden-----	---	---	---	---	0	---	None	High	High
SnD3: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
Oktibbeha-----	---	---	---	---	0	---	None	High	High
Vaiden-----	---	---	---	---	0	---	None	High	High
SnE3: Sumter-----	Bedrock (paralithic)	20-40	---	---	0	---	None	Moderate	Low
Oktibbeha-----	---	---	---	---	0	---	None	High	High
SoB2: Susquehanna-----	---	---	---	---	0	---	None	High	High

Soil Features, cont.

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
SoC2: Susquehanna-----	---	---	---	---	0	---	None	High	High
SoD2: Susquehanna-----	---	---	---	---	0	---	None	High	High
Sp: Swamp-----	---	---	---	---	0	---	None	High	Moderate
Ta: Terrace Escarpments---	---	---	---	---	0	---	None	Low	Moderate
Tb: Tuscumbia-----	---	---	---	---	0	---	None	High	Low
Tc: Tuscumbia-----	---	---	---	---	0	---	None	High	Low
Ua: Una-----	---	---	---	---	0	---	None	High	High
VaA: Vaiden-----	---	---	---	---	0	---	None	High	High
VaB: Vaiden-----	---	---	---	---	0	---	None	High	High
VaB2: Vaiden-----	---	---	---	---	0	---	None	High	High
VaC2: Vaiden-----	---	---	---	---	0	---	None	High	High
VaD2: Vaiden-----	---	---	---	---	0	---	None	High	High
VaE2: Vaiden-----	---	---	---	---	0	---	None	High	High
VbA: Vaiden-----	---	---	---	---	0	---	None	High	High
VbB: Vaiden-----	---	---	---	---	0	---	None	High	High
VbB2: Vaiden-----	---	---	---	---	0	---	None	High	High

Soil Features, cont.

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
VbC2: Vaiden-----	---	---	---	---	0	---	None	High	High
VbC3: Vaiden-----	---	---	---	---	0	---	None	High	High
VbD2: Vaiden-----	---	---	---	---	0	---	None	High	High
VbD3: Vaiden-----	---	---	---	---	0	---	None	High	High
WaA: Waugh-----	---	---	---	---	0	---	None	High	Moderate
WaB2: Waugh-----	---	---	---	---	0	---	None	High	Moderate
Wb: Wehadkee-----	---	---	---	---	0	---	None	High	Moderate
WcA: West Point-----	---	---	---	---	0	---	None	High	Low
WcB: West Point-----	---	---	---	---	0	---	None	High	Low
WdA: Wickham-----	---	---	---	---	0	---	None	Moderate	Moderate
WdB2: Wickham-----	---	---	---	---	0	---	None	Moderate	Moderate
WdC2: Wickham-----	---	---	---	---	0	---	None	Moderate	Moderate
We: Wickham-----	---	---	---	---	0	---	None	Moderate	Moderate

Soil Features, cont.

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
WfA: Wilcox-----	Bedrock (paralithic)	40-60	---	---	0	---	None	High	High
WfB2: Wilcox-----	Bedrock (paralithic)	40-60	---	---	0	---	None	High	High